

Amendments to the Claims

This listing of the claims will replace all prior versions, and listings, of claims in this application.

Listing of Claims

1-16. (Previously canceled)

17. (Currently amended) A method of screening for an alteration in cellular phenotype, said method comprising:

- a) providing a population of cells comprising a library of retroviral vectors encoding different candidate bioactive agents;
- b) sorting said population of cells based on at least five parameters using fluorescence activated cell sorting (FACS); and
- c) detecting at least one cell of said population having said alteration in said cellular phenotype;

wherein said cellular phenotype is selected from a group of cellular phenotypes consisting of cell cycle, apoptosis, exocytosis, expression of a cell surface receptor, and expression of a reporter gene.

18. (Previously presented) The method according to Claim 17, wherein said candidate agent comprises a fusion partner.

19. (Previously presented) The method according to Claim 17, wherein said reporter gene encodes a fluorescent protein.

20. (Previously presented) The method according to Claim 19, wherein said fluorescent protein is a green fluorescent protein (GFP).